ERIC K. STEFFE MICHAEL O. LEE STEVEN R. LUDWIG JOHN M. COVERT* RAZ E. FLESHNER ROBERT C. MILLONIG MICHAEL V. MESSINGER JUDITH U. KIM TIMOTHY J. SHEA. JR.

DONALD R. MCPHAIL PATRICK E. GARRETT STEPHEN G. WHITESIDE JEFFREY T. HELVEY HEIDI L. KRAUS JEFFREY R. KURIN RAYMOND MILLIEN PATRICK D. O'BRIEN LAWRENCE B. BUGAISKY CRYSTAL D. SAYLES*

EDWARD W. YEE ALBERT L. FERRO* DONALD R. BANOWIT* PETER A. JACKMAN MOLLY A. MCCALL TERESA U. MEDLER JEFFREY S. WEAVER KRISTIN K. VIDOVICH ANDREW S. ROBERTS KENDRICK P. PATTERSON* DONALD J. FEATHERSTONE KAREN R. MARKOWICZ**
GRANT E. REED** SUZANNE E. ZISKA** BRIAN J. DEL BUONO** VINCENT L. CAPUANO** ANDREA J. KAMAGE* NANCY J. DEGEN**

ROBERT H. BENSON OF COUNSEL

**REGISTERED PATENT AGENTS

November 30, 1999

INTERNET ADDRESS: JGOLD@SKGF.COM

Assistant Commissioner for Patents Washington, D.C. 20231

Box Patent Application

Re:

U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. To Be Assigned; Filed:Herewith

Ordered Molecular Presentation of Antigens,

Method of Preparation and Use

Inventors: Renner et al.

Our Ref: 1700.0030002/JAG/RM

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- PTO Utility Patent Application Transmittal Form (PTO/SB/05); 1.
- 2. PTO Fee Transmittal Form PTO/SB/17;
- U.S. Utility Patent Application entitled: 3.

Ordered Molecular Presentation of Antigens, Method of Preparation and Use

Wolfgang A. Renner; Frank Hennecke; Lars Nieba; and Martin Bachmann

and naming as inventors:

THE THE REAL

14.

Assistant Commissioner for Patents November 30, 1999 Page 2

the application consisting of:

- a. A specification containing:
 - (i) 80 pages of description prior to the claims;
 - (ii) 12 pages of claims (1-49 claims); and
 - (iii) a one (1) page abstract;
- b. 7 sheets of drawings: (Figures 1-7);
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 5. A copy of the executed Statement Claiming Small Entity Status (previously filed in Appl. No. 60/110,414; Filed: November 30, 1998);
- 6. Two (2) return postcards; and
- 7. Our check No. 26074 for \$719.00 to cover:

\$380.00 Filing fee for patent application; \$78.00 Fee for excess claims.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be

Assistant Commissioner for Patents November 30, 1999 Page 3

stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Rg No. 36,203

Jorge A. Goldstein

Attorney for Applicants Registration No. 29,021

JAG/RM Enclosures

 $P: USERS\TEPHENW\RMCISAAC\FILES\1700\0030002\PTO\11-29-99.pto.ltr SKGF Rev. 9/23/98 dcw$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Renner et al.

Appl. No. To Be Assigned

Filed: Herewith

For:

Ordered Molecular Presentation of Antigens, Method of Preparation and

Use

To Be Assigned Art Unit:

Examiner: To Be Assigned

Atty. Docket: 1700.0030002/JAG/RM

Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jorge A. Goldstein

Attorney for Applicants

Registration No. 29,021

Suite 600

Washington, D.C. 20005-3934

(202) 371-2600

P:\USERS\RMCISAAC\FILES\1700\0030002\PTO\aut.eot

SKGF Rev. 7/7/98

Ry No 31, 203

PTO/SB/05 (2/98)

for use through 09/30/2000. OMB 0651-0032 be: U.S. DEPARTMENT OF COMMERCE Patent and Tradema Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. First Inventor or Application UTILITY PATENT APPLICATION TRANSMITTAL Identifier (Only for new nonprovisional applications under 37 CFR § 1.53(b)) Ordered Molecular Presentation of Antigens, Method of Express Mail Label No. Assistant Commissioner for Patents APPLICATION ELEMENTS Box Patent Application Washington, DC 20231 ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. 6. Microfiche Computer Program (Appendix) * Fee Transmittal Form (e.g., PTO/SB/17) 1. 🛛 (Submit an original, and a duplicate for fee processing) 7. Nucleotide and/or Amino Acid Sequence Submission (if [Total Pages <u>93</u>] 2. Specification applicable, all necessary) (preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications a. Computer Readable Copy - Lross Reterences to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description Paper Copy (identical to computer copy) Statement verifying identity of above copies - Claim(s) - Abstract of the Disclosure ACCOMPANYING APPLICATION PARTS Drawing(s) (35 U.S.C. 113) [Total Sheets 3. 🛛 8. Assignment Papers (cover sheet & document(s)) Oath or Declaration [Total Pages 4. Power of Attorney 37 CFR 3.73(b) Statement a. Newly executed (original or copy) (when there is an assignee) 10. English Translation Document (if applicable) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) Copies of IDS Citations Information Disclosure [Note Box 5 below] Statement (IDS)/PTO-1449 DELETION OF INVENTOR(S) 12. Preliminary Amendment Signed statement attached deleting inventor(s) Return Receipt Postcard (MPEP 503) named in the prior application, see 37 CFR §§ (Should be specifically itemized) 1.63(d)(2) and 1.33(b). Statement filed in prior 14. The *Small Entity Statement(s) (PTO/SB/09-12) application, Status still proper Incorporation By Reference (useable if Box 4b is checked) 5. 🔲 The entire disclosure of the prior application, from which a copy of the oath declaration is supplied under Box 4b, is considered as being part of the and desired 15. Certified Copy of Priority Document(s) disclosure of the accompanying application and is hereby incorporated by (if foreign priority is claimed) reference therein. 16. Other: 37 C.F.R. § 1.136(a)(3) Authorization Other: *NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.28). 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: □Continuation-in-Part (CIP) of prior application No: ___/_ ☐ Divisional □ Continuation Prior application information: Examiner Group/Art Unit: _ 18. CORRESPONDENCE ADDRESS or Correspondence Customer Number address below or Bar Code Label (Insert Customer No. or Attach bar code label here) STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. NAME Attomeys at Law Suite 600, 1100 New York Avenue, N.W. ADDRESS 20005-3934 ZIP CODE DC STATE CITY Washington FAX (202) 371-2540 (202) 371-2600 TELEPHONE COUNTRY 29,021 Jorge A. Goldstein Registration No. (Attorney/Agent) NAME (Print/Type)

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. The will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

SIGNATURE

7

<u>|-</u>

ď

App Patent and Trac Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of in

FEE TRANSMITTAL

for FY 1999

Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known					
Application Number	To Be Assigned				
Filing Date	Herewith				
First Named Inventor	Renner et al.				
Examiner Name	To Be Assigned				
Group / Art Unit	To Be Assigned				
Attorney Docket Number	1700.0030002/JAG/RM				

(\$)719.00

TOTAL AMOUNT OF PAYMENT	(4).								
METHOD OF PAYMENT (FEE CALCULATION (continued)							
		3. addit	IONAL F	EES					
Deposit Account Number Deposit Account Sterne, Kessler, Goldstei	in & Fox P.L.L.C.	Large Fee	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		
Name Sterne, Ressier, Goldster	in the Town Labor.	Code							
☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		105 127	130 50	205 227		Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet			
		139	130	139	130	Non-English specification			
- D	No. 26074	147	2,520	147	2,520	For filing a request for reexamination			
Money Order Other* *Charge any deficiencies or credit a the fees or fee calculations of Parts to Deposit Account No. 19-0036.	ny overnayments in	112	920*	112		Requesting publication of SIR prior to Examiner action			
FEE CALCULATIO	ON .	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
		` 115	110	215		Extension for reply within first month			
1. BASIC FILING FEE		116	380	216		Extension for reply within second month			
_arge Entity Small Entity		117	870	217		Extension for reply within third month			
Fee Fee Fee Fee Description	on Fee Paid	118	1,360	218		Extension for reply within fourth month			
Code (\$) Code (\$)	e 380.00	128	1,850	228		Extension for reply within fifth month			
101 760 201 380 Utility filing fee		119	300	219	150	Notice of Appeal	<u> </u>		
106 310 206 155 Design filing fo		120	300	220	150	Filing a brief in support of an appeal			
107 480 207 240 Plant filing fee		121	260	221	130	Request for oral hearing Petition to institute a public use proceeding			
108 760 208 380 Reissue filing		138	1,510	138					
114 150 214 75 Provisional fili	ng fee	140	110	240		Petition to revive - unavoidable Petition to revive - unintentional	 		
		141 142	1,210	241	605 605	Utility issue fee (or reissue)			
SUBTOTAL (1) (\$) 380.00			1,210	242 243		Design issue fee			
		143	430 580	244	290	Plant issue fee			
	from low Fee Paid	· 122	130	122	130	Petitions to the Commissioner			
Total Claims 49 - 20** = 29 X 9	= 261	123	50	123	50	Petitions related to provisional applications	-		
Indep. Claims <u>5</u> - 3** = <u>2</u> X <u>39</u> Multiple Dependent	= 78	126	240 -	126	240	Submission of Information Disclosure Stmt	·		
	es, see below escription	581	40 -	581	40	Recording each patent assignment per property (times number of properties)			
Code (\$) Code (\$) 103 18 203 9 Claims in exc	ess of 20	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))			
102 78 202 39 Independent	claims in excess of 3					For each additional invention to be examined	 		
104 260 204 130 Multiple depe	ndent claim	149	760	249	380	(37 CFR 1.129(b))	1		
	lependent claims over t	Other fee	(specify) :						
	ims in excess of 20 and								
over original		*Reduced by Basic Filing Fee Paid							
SUBTOTAL (2) (\$) <u>339</u> .	1	_,				*			
303101AL(2) (#) <u>500</u>						SUBTOTAL (3) (\$) 0			
						Complete (Manaticable)			
SUBMITTED BY		SUBMITTED BY Complete (if applicable)							

SUBMITTED BY	Complete (if applicable)		
Typed or lorge A. Goldstein	Reg. Number	29,021	
Signature Signature No. 36203 Date 11/30/49	Deposit Acct. User ID		